

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A computer chassis comprising:
a chassis base;
a first drawer removably engaged with said chassis base;
an interface board mounted to said first drawer, wherein said interface board has a first side arranged so as to couple to a first electrical component when the first electrical component is located in the first drawer and the first drawer is not engaged with said chassis base;
a second drawer removably engaged with said chassis base;
a motherboard mounted to said second drawer so as to couple to a second electrical component when the second electrical component is located in the second drawer; and
a connector coupled to said motherboard, wherein said connector engages a second side of said interface board so as to couple the first electrical component to the second electrical component when the first and second electrical components are located in the respective first and second drawers.
2. (Original) The computer chassis of claim 1 wherein said first and second drawers slidably engage said chassis base.
3. (Previously presented) The computer chassis of claim 1 further comprising a latch operable to secure said first drawer to said chassis base, wherein said latch is hand-operable.

4. (Previously presented) The computer chassis of claim 1 wherein said first drawer further comprises a power supply bay, a hard drive bay, and a media module bay.

5. (Previously presented) The computer chassis of claim 1 wherein said second drawer further comprises an expansion card bay, a processor bay, a cooling system bay, and a memory bay.

6. (Cancelled).

7. (Previously presented) The computer chassis of claim 1 wherein said motherboard is directly interconnected to said connector.

8. (Original) The computer chassis of claim 7 wherein the second electrical component is directly connected to said motherboard when the second electrical component is located in the second drawer.

9. (Original) The computer chassis of claim 1 wherein the first electrical component is directly connected to said interface board when the first electrical component is located in the first drawer.

10. (Currently amended) A computer comprising:
a first electrical component;
a first drawer operable to receive said first electronic component;
a midplane board affixed to said first drawer and having a first side coupled to said first electrical component;
a second electrical component;
a second drawer operable to receive said second electrical component;
a motherboard affixed to said second drawer and coupled to said second electrical component;

a connector mounted to said second drawer and coupled to said motherboard; and

a chassis base operable to support ~~supporting~~ said first drawer and said second drawer such that said connector is coupled to a second side of said midplane board, wherein said first electrical component can be coupled to said midplane board when said first drawer is not supported by said chassis base.

11. (Original) The computer of claim 10 wherein said first electrical component is horizontally received in said first drawer.

12. (Original) The computer of claim 11 wherein said midplane board is vertically mounted to said first drawer.

13. (Original) The computer of claim 12 wherein said second electrical component is vertically received by said second drawer.

14. (Previously presented) The computer of claim 10 wherein said motherboard is horizontally mounted to said second drawer and directly interconnected to said connector.

15. (Original) The computer of claim 14 wherein said first electrical component is a power supply module.

16. (Original) The computer of claim 15 wherein said second electrical component is a processor module.

17. (Original) The computer of claim 16 further comprising a memory module mounted to said second drawer and coupled to said motherboard.

18. (Original) The computer of claim 10 wherein said first electrical component is directly connected to said midplane board.
19. (Original) The computer of claim 10 wherein said connector is directly connected to said midplane board.
20. (Currently amended) An electrical assembly comprising:
means for mounting an interface board to a drawer that is slidably engageable ~~engaged~~ with a chassis;
means for coupling a first electrical component disposed in the drawer to one side of the interface board when the drawer is not engaged with the chassis;
means for coupling a motherboard to the other side of the interface board;
and
means for coupling a second electrical component to the motherboard.
21. (Original) The electrical assembly of claim 20 wherein said first electrical component comprises a power supply module.
22. (Original) The electrical assembly of claim 21 wherein said second electrical component comprises a processor module and a memory module.
23. (Original) The electrical assembly of claim 20 wherein the interface board is vertically mounted in the chassis.
24. (Original) The electrical assembly of claim 23 wherein the means for coupling the electrical components to the interface board slidably engage.
25. (Currently amended) A method for constructing a computer comprising:
attaching a midplane board to a first drawer;

mounting a first electrical component in the first drawer so as to be coupled to the midplane board;
mounting a motherboard to a second drawer, wherein the motherboard is coupled to a connector;
mounting a second electrical component to the second drawer such that the second electrical component is coupled to the motherboard;
installing the first drawer into a chassis base after the first electrical component is coupled to the midplane board; and
installing the second drawer into the chassis base such that the connector is coupled to the midplane board.

26. (Original) The method of claim 25 wherein the midplane board is vertically attached to the first drawer.

27. (Original) The method of claim 26 wherein the first electrical component is mounted by sliding horizontally into the first drawer.

28. (Original) The method of claim 27 wherein the second electrical component is mounted by sliding vertically into the second drawer.

29. (Original) The method of claim 28 wherein the drawers are installed by sliding horizontally into the chassis base.

30. (Original) The method of claim 25 wherein the first electrical component and the connector directly connect to the midplane board.